US PTO Customer No.: 25280 Inventor(s): Walsh, Robert

Case No.: 5352

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ABSTRACT OF THE DISCLOSURE

An airbag having an array of slits formed therein between its two attachment points, each slit seamed to be impermeable to the inflation medium. The slits are oriented to be perpendicular to a line defined by these two attachment points. The slits may be in offset rows and are each longer than the distance between the rows to allow the airbag to be significantly expanded by pulling in opposite directions on its attachment points. The airbag thus made can, when expanded, be folded to fit into a housing running along the roofline of a vehicle. Upon inflation and forcing itself from the housing, it will contract sharply, increasing its tension between attachment points and serving to both cushion and restrain passengers against lateral impact.